



March 12, 2002

INTERNET ADDRESS: JGOLD@SKGF.COM

Commissioner for Patents Washington, D.C. 20231

Art Unit 1633

Re:

U.S. Utility Patent Application

Appl. No. 09/964,412; Filed: September 28, 2001

Transgenic Animals and Cell Lines for Screening Drugs

Effective for the Treatment or Prevention of Alzheimer's

Disease

Inventors:

de la Monte et al.

Our Ref:

0609.4370004/RWE/FRC

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Information Disclosure Statement;
- 2. Listing of the cited documents on Form PTO-1449 (9 sheets);
- A copy of each of the forty (40) cited documents on Form PTO-1449; and 3.
- 4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patentapplication, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLIC : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

Commissioner for Patents March 12, 2002 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Robert W. Esmond

Attorney for Applicants

Registration No. 32,893

RWE:FRC:dcw Enclosures

P:\USERS\DWRIGHT\General\ROB ESMOND\IDS-SKGF-CV-LTR-0609.4370004



THE UNITED STATES PATENT AND TRADEMARK OFF

In re application of:

de la Monte et al.

Appl. No. 09/964,412

Filed: September 28, 2001

For: Transgenic Animals and Cell

Lines for Screening Drugs Effective for the Treatment or Prevention of Alzheimer's Disease Confirmation No. 2051

Art Unit: 1

1633

Examiner:

To be assigned

Atty. Docket: 0609.4370004/RWE/FRC

Information Disclosure Statement

Commissioner for Patents Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each document is provided.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following, in regards to non-English language document AL1 cited on Form PTO 1449:

Document AL1, European Patent No. EP 0 263 740, is in the French language. An English language abstract of document AL1 is attached as document AT7.

The Examiner's attention is directed to the following co-pending U.S. Patent Applications which are directed to related technical subject matter: U.S. Patent Application No. 09/380,203, filed April 25, 2000; U.S. Patent Application No. 09/964,678, filed September 28, 2001; U.S. Patent Application No. 09/964,666, filed September 28, 2001;



and U.S. Patent Application No. 09/964,667, filed September 28, 2001. The specifications of these applications are identical to one another, and are therefore "substantially cumulative." Accordingly, pursuant to 37 CFR § 1.98(c), a single copy of this specification is submitted herewith as document AS8. The claims currently pending from US patent application Nos. 09/380,203, 09/964,678, 09/964,666, and 09/964,667 are additionally submitted herewith as documents AT8, AR9, AS9 and AT9, respectively.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Robert W. Esmond

Attorney for Applicants

Robert Semond

Registration No. 32,893

Date: March 12,2002

1100 New York Avenue, N.W. Suite 600 Washington, D.C. 20005-3934 (202) 371-2600

P:\USERS\FRANKC\Projects\0609\437\4370004\IDS\IDS pleading 0609_4370004 SKGF Rev. 1/24/02 mac



INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

0609.4370004/RWE/FRC

APPLICATION NO.

09/964,412

APPLICANT
de la Monte et al.

FILING DATE

GROUP

					FILING DATE September 28, 2001		GROUP 1633	00/ 290 (
				U.S	. PATENT DOCUMENTS			
EXAMINER								
INITIAL			JMENT NUMBER	DATE	NAME	CLA	-	FILING DATE
 	AA1		73,191	10/10/1989	Wagner et al.	435		08/18/1986
	AB1		68,053	12/01/1992	Altman et al.	435		08/17/1990
	AC1		30,670	11/03/1998	de la Monte et al.	435		05/30/1995
	AD1	5,9	48,634	09/07/1999	de la Monte et al.	435	69.1	11/14/1994
	AE1	5,9	48,888	09/07/1999	de la Monte <i>et al</i> .	530	350	05/30/1995
	AF1	6,0	71,705	06/06/2000	Wands et al.	435	7.1	06/06/1995
	AG							
***	AH							
	AI							
	AJ							
	AK			<u></u>				<u>L</u>
				FORE	IGN PATENT DOCUMENTS		•	,
XAMINER NITIAL		DOC	JMENT NUMBER	DATE	COUNTRY	CLA	SS SUB-CLASS	TRANSLATION
	AL1	EP (0 263 740	04/13/1988	Europe			X i
	AM1	wo 8	89/03849	05/05/1989	WIPO			Y €
	AN1	wo s	90/06993	06/28/1990	WIPO			Y€ N
	AO1	wo s	92/07065	04/30/1992	WIPO			Ye N
	AP1	WO 9	94/23756	10/27/1994	WIPO	:		Y e
		4	OTHER (Including Author	r, Title, Date, Pertinent P	ages, etc.)		
	AR	1	Anderson, W	.F., "Kuman gene	e therapy," <i>Nature 392</i> :25-30	, Macmillan	Journals Ltd. (A	pril 1998).
	AS	1	Nuclear Body	, et al., "Ident y," J. Biol. Che c. (November 199	ification and Characterizat m. 271:29198-29204, The Ame 26).	ion of a Le	eukocyte-specific ty for Biochemistr	Component of they and Molecula
	AT	1			nctors affecting the efficie Natl. Acad. Sci. USA 82:443			
XAMINER			<u> </u>			DATE	CONSIDERED	



INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

0609.4370004/RWE/FRC

APPLICATION NO.

09/964,412

APPLICATION NO.

1009/964,412

FYAMINED					September 28, 2001	1633		<u> </u>
FYAMINED				<u>u.</u> :	S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS_	SUB-CLASS	FILING DATE
	AA		,					
	AB							
	AC							
	AD				· · · · · ·			
	AE							
· · · · · · · · · · · · · · · · · · ·	AF							
	AG							ļ
	AH						ļ	
······································	IA						_	
	AJ							
	AK				<u> </u>		1	
				FORE	IGN PATENT DOCUMENTS			T
EXAMINER INITIAL	<u> </u>	DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2	WO 9	6/15272	05/23/1996	WIPO			Y
	AM2	WO 9	6/40895	12/19/1996	WIPO			Y
	AN							Y
	AO							Y
	AP	1			W			Y
	I AP	I	071150	<u> </u>	r, Title, Date, Pertinent Page			
			l .					
	AR	2	Chiu, TL. structure p	and Goldstein, rediction," Fold	R.A., "Optimizing energy poted ding and Design 3:223-228, Curr	ntials for suc	cess in prote d: (May 1998	ein tertiary).
	AR	2	de la Monte	rediction," Fold	"Enhanced Expression of an Exc Human Brain," J. Clin. Invest.	ntials for suc ent Biology L1 ocrine Pancrea	d. (May 1998	n Alzheimer's
			de la Monte Disease and Clinical In	, S.M., et al., the Developing vestigation, Inc.	"Enhanced Expression of an Exc Human Brain," J. Clin. Invest.	ntials for suctent Biology L1 crine Pancrea 86:1004-1013	tic Protein i The America	in Alzheimer's n Society for

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

0609.4370004/RWE/FRC

APPLICATION NO.

09/964,412

APPLICANT
de la Monte et al.

FILING DATE

GROUP

					September 28, 2001	1633		$\frac{1}{2}$		
				U.S.	. PATENT DOCUMENTS			/2900 		
EXAMINER										
INITIAL	ļ	DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AA	 	· · · · · · · · · · · · · · · · · · ·					<u> </u>		
	AB	 					ļ			
_	AC	 				- 	ļ			
	AD	<u> </u>						<u> </u>		
	AE	<u> </u>						****		
	AF	ļ				-				
	AG	<u> </u>								
·	AH	ļ		-						
	AI	<u> </u>					 			
	AJ	 				 				
	AK						<u> </u>			
				FOREI	GN PATENT DOCUMENTS		1			
EXAMINER INITIAL		חטכווו	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
INTTIAL		0000	HENT NOMBER	DATE	COUNTRY	CEASS	JOB CLASS	Yes		
	AL			<u></u>				No		
		*						Yes		
	AM						ļ	No		
	AN							Yes No		
		<u> </u>				1		Yes		
	AO							No.		
								Yes		
	AP	<u> </u>				<u> </u>		No		
	1	1	OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)				
	AR	3	de la Monte Pathol. 147:	, S.M., <i>et al.</i> , " 934-946, America	'Aberrant GAP-43 Gene Expression on Society for Investigative Path	in Alzheime ology (1995)	r's Disease,).	н Ат. J.		
	AS	3	Oxide Syntha	la Monte, S.M., and Bloch, K.D., "Aberrant Expression of the Constitutive Endothelial Nitric de Synthase Gene in Alzheimer Disease," <i>Mol. Chem. Neuropathol. 30</i> :139-159, Humana Press, Inc. nuary/February 1997).						
	AT	<u>3</u>	Games, D., amyloid pred	et al., "Alzheime cursor protein,"	er-type neuropathology in transga Nature 373:523-527, Macmillan Jo	ournals Ltd.	(1995).	ı V717F β-		
EXAMINER						DATE CONSIDE	RED			



INFORMATION DISCLOSURE STATEMENT

		OPages4 of 9
ATTY. DOCKET NO. 0609.4370004/RWE/FRC	APPLICATION NO. 09/964,412	AR 1
APPLICANT de la Monte et al.		4 2 R 16
FILING DATE September 28, 2001	GROUP 1633) II 002 00/29

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA							
	АВ							
	AC							
	AD						<u> </u>	
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ		 -					
	AK							
		ı		FORE I	GN PATENT DOCUMENTS		<u>. </u>	1
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL							Yes No
	АМ							Yes No
	AN							Yes No
	AO							Yes No
·	АР							Yes No
	<u> </u>		OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)		
	AR	4	Proc. Nat1.	Acad. Sci. USA 8	genesis by means of blastocyst- 3:9065-9069, National Academy o	of Science (19	P86).	
	AS	.4	Secretory P Investigation	rotein," <i>J. Clin.</i> on, Inc. (1985). ton's Disease Co Is Expanded and	on, Characterization, and Distr . Invest. 76:2115-2126, The Amen llaborative Research Group, "A Unstable on Huntington's Disea	Novel Gene Co	for Clinica	I
EXAMINER						DATE CONSID	ERED	



INFORMATION DISCLOSURE STATEMENT

		$-\mathbf{O}^{P}$	age	OT 3
ATTY. DOCKET NO. 0609.4370004/RWE/FRC	APPLICATION NO. 09/964,412	ENT	AR]	Ċ
APPLICANT de la Monte et al.		ER 16	4 2	
FILING DATE September 28, 2001	GROUP 1633	600/2	002	

· · · · · · · · · · · · · · · · · · ·					September 28, 200	<u> </u>	1 1033		8
 ,									290
					U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
	AA								
	АВ								
	AC								L
	AD								
	AE								
	AF		- **-						
	AG								
	АН					<u>-</u>	,		
	ΑI								
	AJ								
	AK								
				FC	OREIGN PATENT DOCUMENTS				
EXAMINER									
INITIAL	1	DOCU	MENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	
	AL								Y
									Y
	AM								1
	AN								Y .
									Y
	AO	<u>.</u>					<u> </u>		l
	AP								Y
	I AP				thor, Title, Date, Pert	•		_1	
	AR	<u>5</u>	Kosaka, K., Press, Ltd.		nd Neuropathology in Lew	y Body Disea	se," Adv. N	eurol. 60 :456	-463, Raven
	AS	<u>5</u>	Lannfelt, L Behav. Brain	., et al., "A n Res. 57: 207	lzheimer's disease: mol -213, Elsevier Science I	ecular genet B.V. (1993).	ics and tra	nsgenic anima	al models,"
	AT	<u>5</u>		Major Setback ment of Scien	for Alzheimer's Models	s," Science 2	55: 1200-120	2, American A	ssociation fo
EXAMINER	<u> </u>	<u> </u>	<u> </u>				DATE CONSI	DERED	



MAR CHARGER 1

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 0609.4370004/RWE/FRC	APPLICATION NO. 09/964,412	ER 1	14	
APPLICANT de la Monte et al.		600/29	2002	ř
FILING DATE	GROUP	996		L

										
	· · · · · · · · · · · · · · · · · · ·			U.S.	PATENT DOCUMENTS	-r	r	r		
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AA									
	АВ									
	AC									
	AD									
	AE									
	AF									
	AG									
	АН									
	ΑI		·							
	AJ									
•	AK									
		•		FOREI	GN PATENT DOCUMENTS		·			
EXAMINER										
INITIAL	ļ	DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AL	<u> </u>						Yes No		
	AM							Yes No		
	AN							Yes No		
	AO							Yes No		
	AP				<u> </u>			Yes No		
] AF	1	OTHER (Including Author	, Title, Date, Pertinent Pages,	otc.)		NO		
	AR	<u>6</u>	Ozturk, M.,	et al., "Elevate	ed levels of an exocrine pancrea Acad. Sci. USA 86:419-423, Natio	tic secretory	/ protein ir of Sciences	Alzheimer (1989).		
	AS	<u>6</u>	Pursel, V.G. Association	Pursel, V.G., et al., "Genetic Engineering of Livestock," <i>Science 244</i> :1281-1288, American Association for the Advancement of Science (1989).						
EVAMINED	AT $\frac{6}{2}$ Quon, D., $et~al.$, "Formation of β -amyloid protein deposits in brains of transgenic mice," Naturals 252:239-241, Macmillan Journals Ltd. (1991).							mice," <i>Nature</i>		
EXAMINER						DATE CONSIDE	KEU			



INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4370004/RWE/FRC

APPLICATION NO.
09/964,412

APPLICANT
de la Monte et al.

FILING DATE
September 28, 2001

APPLICATION NO.
FILING DATE
September 28, 2001

APPLICATION NO.
FILING DATE
FILING DATE
September 28, 2001

					September 26,		1 1033		8 8	+
					II O DATENT BOOKS				<u>00</u> €	Ŧ
				1	U.S. PATENT DOCUMEN	TS	· r · · · · · · · · · ·		.	L.
EXAMINER INITIAL		DOCI	UMENT NUMBER	DATE	NAME	<u></u>	CLASS		FILING DATE	<u>=</u>
	AA									
	AB									
	AC									
	AD									
	AE									
	AF									
	AG									
	АН									
	ΑI									
	AJ									
	AK									
					OREIGN PATENT DOCUME	NTS				
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION	N
	١,,					•				Υe
<u>:</u>	AL	+		<u> </u>						Υє
	AM	-					 	·		<u> </u>
	AN									Y e
	AO									Ye N
										Υe
	AP									N
	AR	7	Salter, D.W Line," Viro	., et al., " logy 157: 236	Transgenic Chickens: -240, Academic Press	Insertion of Red , Inc. (1987).	troviral Ge	nes into the	Chicken Ger	m
	AS	7	Verma, I.M. Macmillan J	and Somia, ournals Ltd.	N., "Gene Therapy- p (September 1997).	romises, problem	s and prosp	ects," Nature	9 389 :239-24	2,
	AT	Z		351, Access cument AL1).	ion No. 88-100135/19	8815, Derwent WP	⊦ I English l	anguage abst	ract for EP	0
XAMINER			1				DATE CONSID	DERED		_



INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 0609.4370004/RWE/FRC	APPLICATION N 09/964,412	0. 9	MAR	$\frac{1}{C}$
APPLICANT de la Monte <i>et al</i> .		TER	14	П
FILING DATE	GROUP	160	200	7

		· · · · · · · · · · · · · · · · · · ·			100000				
								72900 D	
				U.S.	PATENT DOCUMENTS		,	<u> </u>	
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA								
	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH	1							
	AI								
	AJ								
	AK								
				FOREI	GN PATENT DOCUMENTS	-	<u> </u>		
EXAMINER		1							
INITIAL	_	DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
								Yes	
	AL	 						No	
	AM							Yes No	
								Yes	
	AN	.					ļ	No	
	1.0							Yes	
	AO	+						No	
	AP							Yes No	
	<u> </u>	•	OTHER (Including Author	, Title, Date, Pertinent	Pages, etc.)	· · · · · · · · · · · · · · · · · · ·		
	AR	<u>8</u>			for International Applica		03685, maile	ed July 9,	
	AS	<u>8</u>	25, 2000 and	nding Non-Provisional U.S. Patent Application No. 09/380,203, de la Monte $et\ al$., filed April, 2000 and U.S. Patent Application Nos. 09/964,678, 09/964,666 and 09/964,667, de la Monte et ., filed September 28, 2001.					
	AT	<u>8</u>	Claims Curr	ently Pending fro	om U.S. Appl. No. 09/380,2			April 25, 2000.	
EXAMINER						DATE CONSIDE	ERED		

MAR 1 2 2002 6

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

, [5] ATTY. DOCKET NO.
0609.4370004/RWE/FRC

APPLICATION NO.
09/964,412

APPLICANT
de la Monte et al.

FILING DATE
September 28, 2001

APPLICATION NO.
09/964,412

APPLICATION NO.
09/964,412

APPLICATION NO.
09/964,412

APPLICATION NO.
09/964,412

								<u> </u>
				_	U.S. PATENT DOCUMENTS			2 /2900
EXAMINER								
INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA							
	AB	-						
	AC							
	AD	_						-
	AE	-						
	AF	-				ı		<u> </u>
	AG	-		-				
	AH	-						
	AI	- -						
	AJ							1
	AK			J				
	1	1		1	FOREIGN PATENT DOCUMENTS			1
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
			-					Ye
	AL)
	АМ							Ye
	AN							Ye
	AN							Ye
	AO		······ :				-	<u> </u>
	AP							Y •
		•	OTHER (Including A	uthor, Title, Date, Pert	inent Pages, etc.)	•	•
	AR	9	Claims Currently Pending from U.S. Appl. No. 09/964,678, de la Monte <i>et al</i> , filed September 28, 2001.					
	AS	2	Claims Currently Pending from U.S. Appl. No. 09/964,666, de la Monte <i>et al.</i> , filed Sep 2001.					September 28,
	АТ	9	Claims Curr 2001.	ently Pendi	ng from U.S. Appl. No. (09/964,667, de la Monte	et al., filed	September 28,
XAMINER	<u> </u>	<u>i </u>	l			DATE CONSI	DERED	